Amendment to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims:

IN THE CLAIMS:

1. (currently amended) A method for accessing a radio communication system having a plurality of radios, comprising the steps of:

(a) separating the plurality of radios into two or more groups, wherein each group of radios are arranged to communicate over different communication channels;

(b) gathering a communication connection statistic on the plurality of radios; ~~, the plurality of radios consisting of both mobile and static radios; and~~

(c) determining whether the two or more groups should be reconfigured based on the gathered communication statistics; and ~~reconfiguring the grouping of radios based on the communication connection statistic gathered in step (b).~~

(d) if a determination is made that the two or more groups should be reconfigured to allow a reduction in collisions on a communication channel, reconfiguring the grouping or radios based on the communication connection statistics gathered in step (b), wherein the communications connection statistics are used to determine the reconfigured radio groupings and wherein each of the reconfigured radio groupings are arranged to share different respective communication channels.

2. (currently amended) A method as defined in claim 1, further comprising at step (d) the step of:

allowing access to the radio communication system based on the reconfigured grouping of the radios.

3. (previously presented) A method as defined in claim 1, wherein the communication connection statistic gathered in step (b) comprises the average channel usage by each of the plurality of radios.

4. (previously presented) A method as defined in claim 1, wherein the communication connection statistic gathered in step (b) comprises the number of channel accesses per unit time by each of the plurality of radios.

5. (previously presented) A method as defined in claim 1, wherein the communication connection statistic gathered in step (b) comprises the priority of each of the plurality of radios.

6. (previously presented) A method as defined in claim 1, wherein the communication connection statistic gathered in step (b) comprises the average received signal strength of each of the plurality of radios.

7. (Original) A method as defined in claim 2, repeating steps (b) through (d) periodically.

8. (previously presented) A method as defined in claim 1, wherein the two or more groups of radios established in step (a) can access a given radio channel at specified times which are different for each of the two or more groups.

9. (Original) A method as defined in claim 1, wherein step (b) is performed by a radio communication system controller.

10. (Original) A method as defined in claim 1, wherein step (b) is performed by each of the plurality of radios.

11. Canceled

12. (currently amended) A method as defined in claim 1 ~~11~~, wherein the radio communication system comprises a time division multiple access radio communication system.

13. (currently amended) A method as defined in claim 1 ~~11~~, wherein steps (b) and (c) are repeated periodically.

14. (currently amended) A method as defined in claim 1 ~~11~~, wherein the communication connection statistic in step (b) is gathered by a central radio communication system resource.

15. (currently amended) A method as defined in claim 1 ~~11~~, wherein the communication connection statistic in step (b) is gathered by each of the plurality of radios.

16. (currently amended) A method as defined in claim 1 ~~11~~, wherein steps (b) and (c) are performed at predetermined periods of time.

17. (previously presented) A method as defined in claim 1, wherein the communication connection statistic gathered in step (b) comprises talk-time associated with each of the plurality of radios.

18. canceled